

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Thomas F. Bailey, et al.

Serial No.: 10/725,124

Confirmation No.: 2618

Filed: December 1, 2003

For: METHODS AND APPARATUS
TO CONTROL DOWNHOLE
TOOLS

~~~~~

Group Art Unit: 3672

Examiner: Thomas S. Bomar

Customer No.: 36735

**MAIL STOP AMENDMENT**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**CERTIFICATE OF MAILING**  
**37 C.F.R. § 1.8**

I hereby certify that this correspondence is being deposited with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on September 15, 2004.

William B. Patterson  
Typed Name

Signature

**RESPONSE TO OFFICE ACTION DATED JUNE 15, 2004**

In response to the Office Action dated June 15, 2004, having a shortened statutory period for response extended two months set to expire on November 15, 2004, please enter this response and reconsider the claims pending in the application for reasons discussed below. The Commissioner is hereby authorized to charge counsel's Deposit Account No. 20-0782/WEAT/0173.C1/WBP for any fees, including extension of time fees or excess claim fees, required to make this response timely and acceptable to the Office.

**Amendments to the Specification** begin on page 2 of this paper. **Amendments to the Claims** are reflected in the listing of claims which begins on page 10. **Amendments to the Drawings** begin on page 12, and include both attached replacement sheets and annotated sheets showing changes. **Remarks** begin on page 13.